BUREAU OF STATISTICS

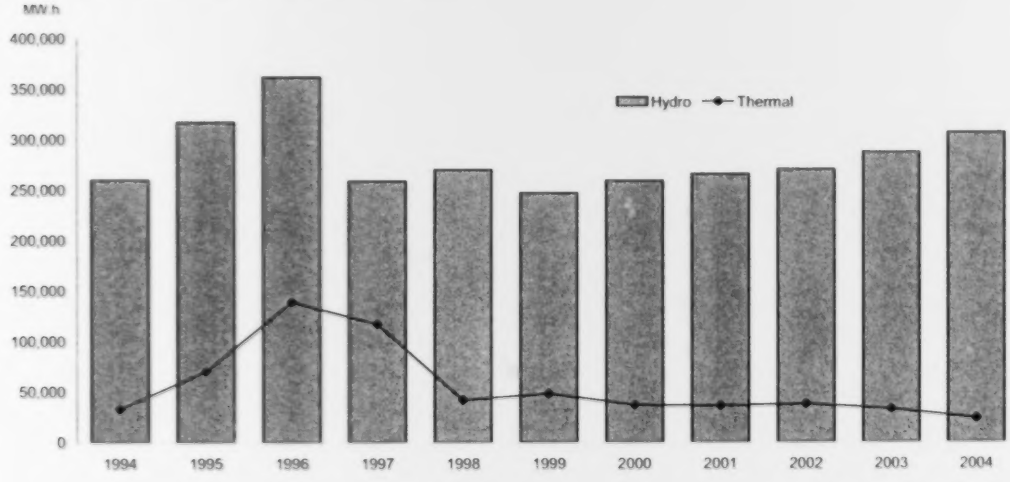
ENERGY FACTS

Electricity – *Generation*

How much electricity is generated in the Yukon, and who produces it?

	YUKON ELECTRICAL COMPANY		YUKON ENERGY CORPORATION			YUKON TOTAL		
	HYDRO	THERMAL	HYDRO	THERMAL	WIND	HYDRO	THERMAL	WIND
	(MW.h)		(MW.h)			(MW.h)		
2004	5,799	21,988	301,038	1,705	477	306,837	23,693	477
2003 (r)	4,948	21,512	282,391	11,354	898	287,339	32,866	898
2002 (r)	8,118	21,824	262,259	16,176	1,087	270,377	38,000	1,087
2001	9,165	21,026	256,709	15,105	1,125	265,874	36,131	1,125
2000	6,930	20,963	252,134	16,026	394	259,064	36,989	394
1999	4,544	20,791	242,798	27,356	267	247,342	48,147	267
1998	5,561	20,013	264,450	21,802	259	270,011	41,815	259
1997	6,343	21,421	252,581	95,881	226	258,924	117,302	226
1996	6,641	20,788	355,391	118,111	221	362,032	138,899	221
1995	7,077	17,943	310,128	52,373	227	317,205	70,316	227
1994	10,181	20,193	249,753	12,945	243	259,934	33,138	243

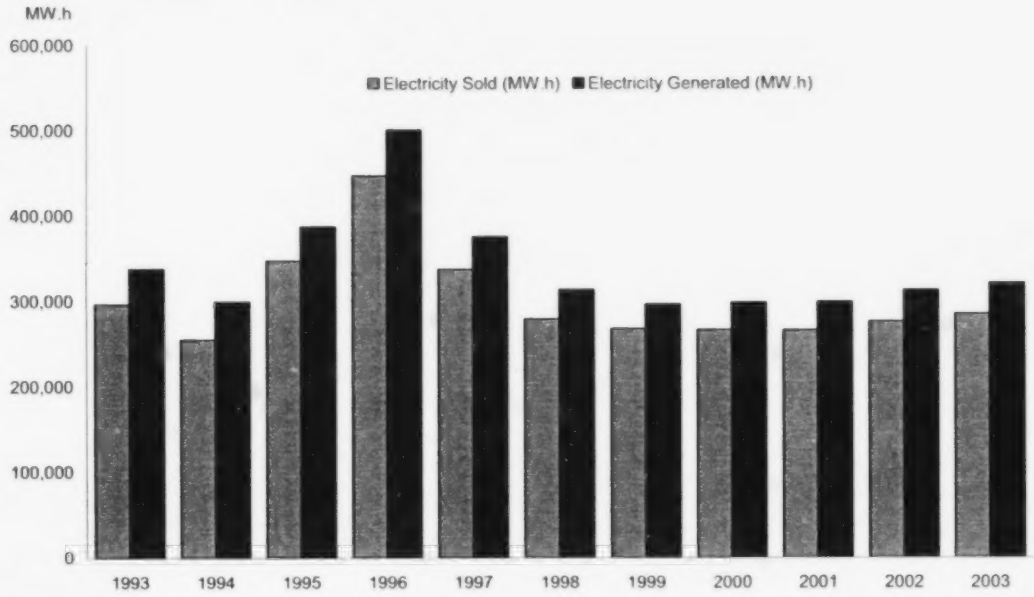
* *Hydro electricity*: Energy produced by utilizing the water flow in a river.
* *Thermal electricity*: Energy produced by generators which run on petroleum products (e.g., diesel).
* *Wind electricity*: Wind generator at Haeckel Hill, Whitehorse, went into service in the fall of 1993. A second wind generator was added in October 2000.



Source: Yukon Electric Company and Yukon Energy Corporation.

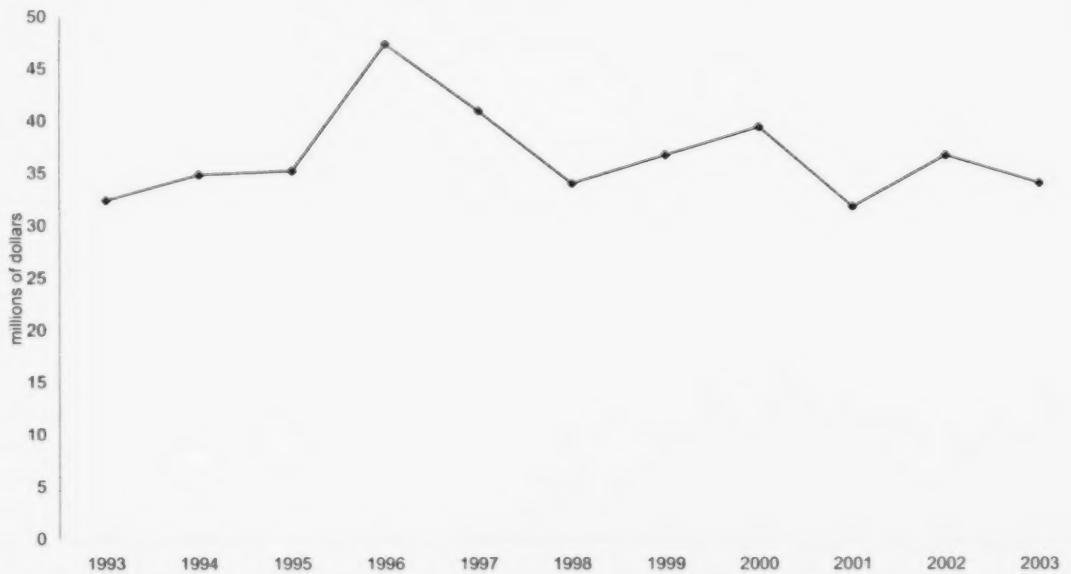
Electricity – *Consumption*

How much electricity is generated and sold in the Yukon?



Source: Statistics Canada catalogue no. 57-202

What is the dollar value of electricity sold in the Yukon?



Source: Statistics Canada catalogue no. 57-202

Electricity – *Cost*

How much does the Yukon residential sector pay for electricity compared to the rest of Canada?

	Average Annual Bill ($)		Consumption Per Customer (KW.h)		Cost Per KW.h (cents)	
	Canada	**Yukon**	**Canada**	**Yukon**	**Canada**	**Yukon**
2003	949.34	1,113.45	12,282	9,527	7.73	11.69
2002 (r)	940.14	1,060.27	12,125	9,414	7.75	11.26
2001 (r)	896.28	1,033.32	12,011	9,352	7.46	11.05
2000 (r)	887.91	1,388.28	11,950	9,761	7.43	14.22
1999 (r)	881.90	1,253.84	11,996	9,702	7.35	12.92
1998	862.83	1,116.12	11,786	9,564	7.32	11.67
1997	890.85	1,129.73	12,339	9,815	7.22	11.51
1996	899.00	1,224.82	12,579	10,604	7.15	11.55
1995	890.69	1,168.79	12,308	10,095	7.23	11.57
1994	907.59	1,223.57	12,570	10,349	7.22	11.82
1993	902.12	968.16	12,725	10,950	7.08	8.84

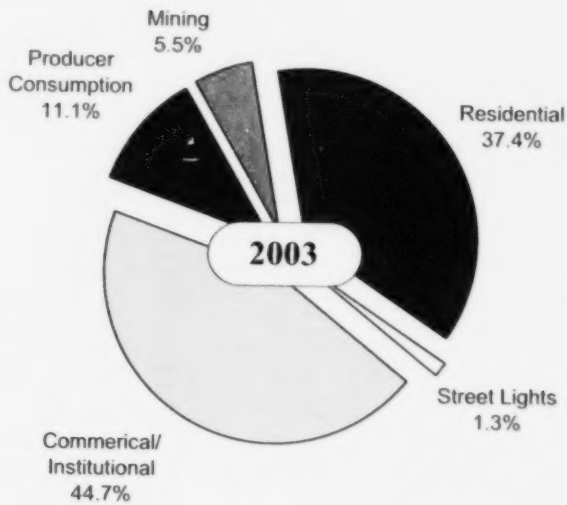
This table shows that the average annual electricity bill in the Yukon was $1,113.45 in 2003, an increase of $53.18, or 5.0%, over 2002. Comparing the Yukon to Canada, the Yukon average is $164.11, or 17.3%, more than the Canadian average of $949.34. On average, Yukoners consume annually 9,527 KW.h of electricity, 22.4% less than the Canadian average of 12,282 KW.h.

Source: Statistics Canada catalogue no. 57-202.

Electricity – *Distribution*

How much electricity is consumed by different sectors?

This chart shows the five sectors that consume electrical power in the Yukon. Their consumption is expressed as a percentage of the Yukon total electrical generation of 320,127 MW.h in 2003.



Source: Statistics Canada catalogue no. 57-202.

Refined Petroleum Products

What are the domestic sales of motor gasoline?

MONTH	Total Sales	Regular Unleaded Gas	Mid-grade Unleaded Gas	Premium Unleaded Gasoline	Total Retail Sales
2004	cubic metres				
January	3,147	2,958	31	158	2,107
February	2,567	2,299	14	254	1,718
March	3,022	2,807	22	193	2,023
April	3,407	3,109	11	287	2,090
May	3,283	3,066	18	199	2,014
June	3,895	3,701	28	166	2,389
July	4,406	4,141	23	242	2,594
August	3,715	3,463	30	222	2,187
September	3,146	2,921	23	202	1,852
October	2,580	2,412	16	152	1,525
November	2,134	2,067	12	55	1,261
December	1,995	1,819	23	153	1,179
Total	37,297	34,763	251	2,283	22,939

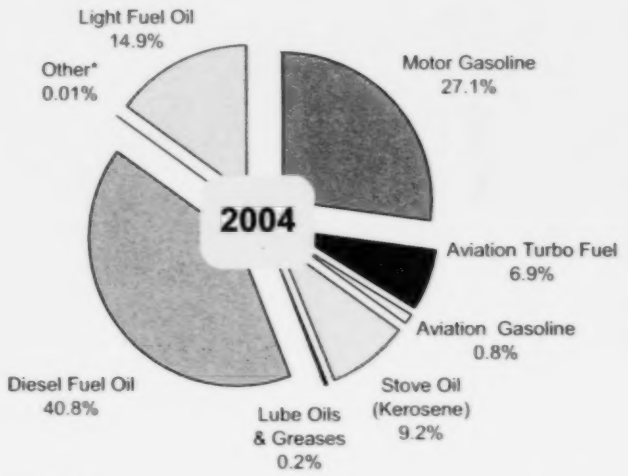
Note: Total sales of motor gasoline are the total sales in the Yukon Territory.
Retail sales of motor gasoline represent the sales conducted by retail service stations only.

Source: Statistics Canada, CANSIM table no. 134-0004

Refined Petroleum Products – *Distribution*

What are the domestic sales of petroleum products?

This chart shows the distribution of the eight types of petroleum products sold in the Yukon. Each product is expressed as a percentage of the total petroleum distribution of 137,708 cubic metres in 2004.



Note: *Other includes heavy fuel oil, naphtha specialties and asphalt.

Source: Statistics Canada, CANSIM table no. 134-0004

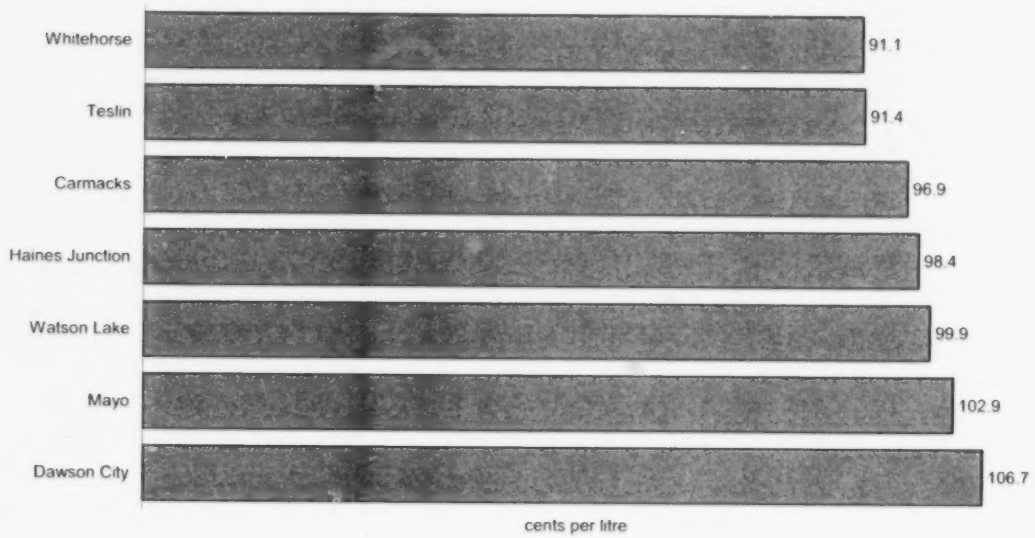
Petroleum Prices

What was the average price of regular gasoline and diesel fuel in Yukon communities in December 2004?

	---- December 2004 ----			
	--- Full-service Stations ---		--- Self-service Stations ---	
	Unleaded Gasoline	Diesel	Unleaded Gasoline	Diesel
Communities	cents/litre		cents/litre	
Carmacks	..	..	96.9	95.9
Dawson City	..	..	106.7	96.5
Faro	99.9	102.9	..	..
Haines Junction	94.9	88.9	98.4	92.9
Mayo	102.9	88.9	102.9	94.9
Teslin	..	..	91.4	87.4
Watson Lake	99.9	90.1	99.9	90.9
Whitehorse	90.7	90.2	91.1	87.2

Source: Yukon Bureau of Statistics, *Fuel Survey, as of December 22nd, 2004.*

What was the average price of self-serve regular unleaded gasoline in the various Yukon communities in December 2004?



Source: Yukon Bureau of Statistics, *Fuel Survey as of December 22nd, 2004.*

Per Capita Gasoline Consumption

How much motor gasoline do Yukoners consume in comparison to the rest of Canada?

	Domestic Sales of Motor Gasoline in 2004	Population in 2004*	Annual Consumption Per Person	Daily Consumption Per Person
Canada	40,992,951 m^3	31,974,363	1.282 m^3	3.51 litres
Yukon	37,297 m^3	30,856	1.209 m^3	3.31 litres

* = population figures are updated postcensal estimates.

This table shows that for 2004, the per capita consumption of motor gasoline in the Yukon was 3.31 litres per day, or 5.7% lower than the national average of 3.51 litres per day.

Source: Statistics Canada, CANSIM table no. 134-0004 and 051-0001

Heating Methods

What was the principal heating equipment used in Canada in 2004?

	2004				
Estimated No. of Housholds Reporting	Steam or Hot Water Furnaces	Hot Air Furnaces	Heating Stoves[1]	Electric Heating[2]	Other[3]
12,343,000	1,614,000	6,509,000	552,000	3,630,000	38,000
100.0%	13.1%	52.7%	4.5%	29.4%	0.3%

1. Includes permanently installed baseboard electric heating as well as other types such as floor or ceiling heating wires, in all or most rooms.
2. Heating stoves are localized heating units with no central distribution system to other parts of the house (e.g., oil space heater, gas space heater, wood stoves).
3. Includes cookstoves and any other type of heating equipment not otherwise listed.

What was the principal heating fuel used in Canada in 2004?

	2004					
Estimated No. of Housholds Reporting	Oil or Other Liquid Fuel[1]	Piped Gas	Bottled Gas	Electricity	Wood	Other[2]
12,342,000	1,279,000	6,126,000	122,000	4,153,000	591,000	71,000
100.0%	10.4%	49.6%	1.0%	33.6%	4.8%	0.6%

1. Includes kerosene. 2. Includes coal or coke.

Source: Statistics Canada CANSIM, table no. 203-0019.
Note: Data may not sum to totals due to rounding.

Energy Price Index

How has the price of energy changed since 1992 in Whitehorse and in Canada?

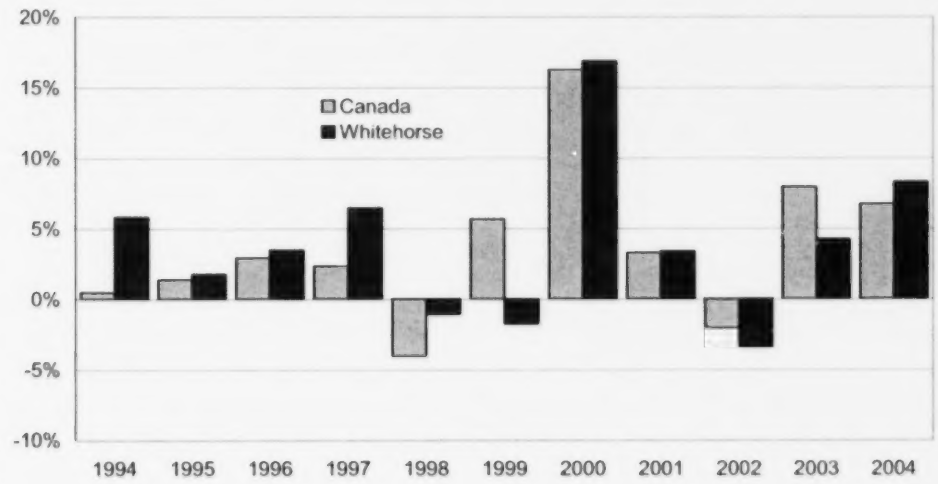
Consumer Price Index
Energy Aggregate, 1992 = 100

	Canada	Whitehorse
2004	**149.3**	**154.0**
2003	139.9	142.2
2002	129.6	136.4
2001	132.3	141.2
2000	128.1	136.6
1999	110.2	116.9
1998	104.3	119.0
1997	108.7	120.3
1996	106.2	113.0
1995	103.2	109.2
1994	101.8	107.3
1993	101.3	101.4
1992	100.0	100.0

For example: The consumer price index energy aggregate for Whitehorse for 2004 was 154.0 (1992 =100). This means that energy prices were 54% higher in 2004 compared with 1992.

Source: Statistics Canada CANSIM, Table no. 326-0002.
Note: The "Energy Aggregate" includes electricity, natural gas, fuel oil, gasoline and fuel parts/supplies for recreational vehicles.

By what percentage has the price of energy changed from year to year in Canada and Whitehorse?



Source: Statistics Canada CANSIM, table no. 326-0002.

Fuel Oil Costs

How expensive is household heating fuel in Whitehorse compared to other Canadian cities?

	Whitehorse	Vancouver	Toronto	Yellowknife
	cents per litre			
January '05	**77.7**	**72.9**	**68.1**	**68.1**
January '04	64.2	60.5	58.9	55.0
January '03	65.2	61.2	60.9	55.9
January '02	53.4	49.0	47.5	42.1
January '01	65.9	61.7	64.6	56.3
January '00	47.4	50.4	48.0	47.7
January '99	40.1	40.6	37.1	32.6
January '98	46.9	43.4	42.7	37.3
January '97	44.7	44.1	44.4	42.4
January '96	41.6	41.5	39.2	37.7
January '95	42.3	41.5	38.3	38.5

Source: Statistics Canada CANSIM, Table no. 326-0009

This information sheet provides summary statistics on energy consumption, petroleum products and energy costs in the Yukon. Data was collected from a variety of sources, including the Yukon Government and Statistics Canada.

LEGEND

KW	Kilowatt = 1,000 watts
MW	Megawatt = 1,000,000 watts
KW.h	Kilowatt Hour = One kilowatt of power used for one hour.
MW.h	Megawatt Hour = One megawatt of power used for one hour.
m^3	Cubic metre = 1,000 litres
..	Figures not available

Yukon
Executive Council Office
Bureau of Statistics

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